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(71) Applicant (for all designated States except US): EDEN SRL [IT/IT]; Via delle Industrie, 16, I-36050 Cartiglano (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): LOLATO, Samuele [IT/IT]; Via Trento, 6/A, I-36020 Pove del Grappa (IT).

(74) Agent: MAROSCIA, Antonio; Maroscia & Associati S.R.L., Contrà S. Caterina, 29, I-36100 Vivenza (IT).

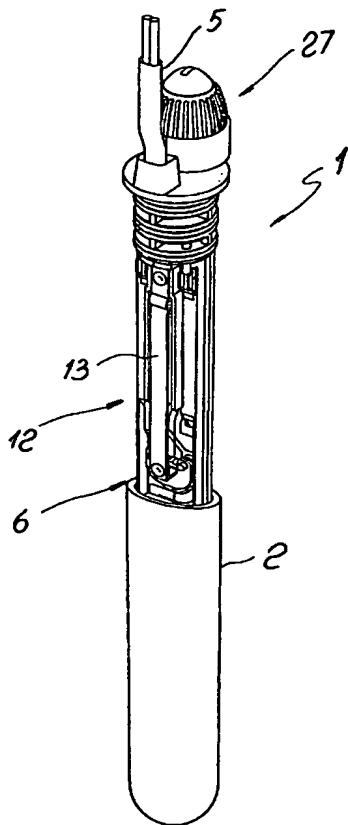
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(54) Title: ADJUSTABLE HEATER FOR AQUARIA



(57) Abstract: An adjustable heater for aquaria, comprising a substantially tubular container (2) within which are housed an electrical heating element (3), a switch (6) comprising a fixed contacts (7, 8) and moving contacts (9, 10) and capable of electrically connecting the heating element (3) with an external source (R) of electrical power, a temperature sensor (12) with a bi-metal strip (13) capable of detecting the temperature of the liquid and interacting with the switch (6) to move it from a closed position to an open position when a predetermined temperature (T) is reached. The moving contacts (9, 10) of the switch (6) are secured to a free end (13') of the bi-metal strip (13) while the other end (13'') of the bi-metal strip (13) is electrically insulated. This yields the advantage that electrical current does not pass through the bi-metal strip (13) and therefore does not create a Joule effect within it which affects the sensitivity and proper behaviour of the temperature sensor (12).

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